

Membership Balance Plan  
United States Army Science Board

Agency: Department of Defense (DoD)

1. Authority: The Secretary of Defense, in accordance with the Federal Advisory Committee Act (FACA) of 1972 (5 U.S.C., Appendix, as amended) and 41 C.F.R. § 102-3.50(d), established the United States Army Science Board (“the Board”).
2. Mission/Function: The Board shall provide independent advice and recommendations to the Secretary of Defense and the Deputy Secretary of Defense, through the Secretary of the Army, on matters relating to the Army’s scientific, technical, manufacturing, acquisition, logistics, and business management functions, as well as other matters as determined by the Secretary of the Army.

The Board is not established to advise on individual DoD or Department of the Army acquisitions, but instead shall be concerned with the pressing and complex issues facing the Department of the Army.

3. Points of View: The Board shall be composed of not more than 20 members who are eminent authorities in one or more of the following disciplines: science, technology, manufacturing, acquisition, logistics, business management functions, as well as other matters of special interest to the Department of the Army.

Board members appointed according to DoD policies and procedures, who are not full-time or permanent part-time Federal officers or employees, shall be appointed as experts and consultants pursuant to 5 U.S.C. § 3109 to serve as special government employee (SGE) members. Those who are full-time or permanent part-time Federal employees shall be appointed pursuant to 41 C.F.R. § 102-3.130(a) to serve as regular government employee (RGE) members.

The DoD, in selecting potential candidates for the Board, reviews the educational and professional credentials of individuals and bases its selection on this review and the subject matters being handled by the Board. The DoD has found that viewing the complex issues facing the Army through a multidisciplinary advisory committee provides the DoD and, more importantly, the American public with a broader understanding of the issues on which to base subsequent policy decisions.

The Board’s membership balance is not static and the Secretary of Defense may change the membership based upon work assigned to the Board by the Secretary of Defense, the Deputy Secretary of Defense, or the Secretary of the Army, as the Board’s Sponsor. The DoD, unless otherwise instructed by statute or Presidential directive, does not use representative members on DoD-established or supported advisory committees.

4. Other Balance Factors: N/A
5. Candidate Identification Process: The DoD, in selecting potential candidates for the Board, reviews the educational and professional credentials of individuals with extensive professional experience in the areas of science, technology, manufacturing, acquisition, logistics, and business management functions. Candidates for appointment are typically selected from academia, industry/business, federally funded research and development corporations (FFRDCs), non-profit organizations, and National Laboratories. Individual appointments are based on the subject matter being reviewed by the Board.

Potential member candidates are identified by the Board’s Executive Director/Designated Federal

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Officer through discussions with senior Army leaders, current Board members, technical directors of Service science and technology organizations, and FFRDCs that support the DoD. The DFO reviews each candidate's technical credentials, expertise, prior Board experience, and balance across technical specialties and employer category. Following this review, the DFO provides a recommended list of candidates to principal advisors to the Secretary of the Army for further review prior to consideration by the Secretary of the Army. During the Secretary of the Army's review, the Secretary strives to achieve a balance between the educational and professional credentials of the candidates and the subject matters anticipated to be reviewed by the Board.

The list of candidates is next reviewed by the Office of General Counsel of the Department of Defense and the Office of the Advisory Committee Management Officer to ensure compliance with Federal and DoD governance requirements, including compliance with the Board's charter and membership balance plan. Pursuant to DoD policy, only the Secretary of Defense or the Deputy Secretary of Defense can invite or approve the appointment of individuals to advisory committees established or supported by DoD. Following this review, the Secretary of the Army discusses the potential individuals with the Secretary of Defense or the Deputy Secretary of Defense to request authority to proceed with the nominations.

Following the Secretary of Defense or the Deputy Secretary of Defense authorization and the Secretary of the Army's subsequent administrative certification, the candidates are required to complete the necessary appointment paperwork, to include meeting ethics requirements stipulated by the Office of Government Ethics for Board members.

All Board appointments are for a one-to-four-year term of service, with annual renewals, and no member may serve more than two consecutive terms of service without approval from the Secretary of Defense or Deputy Secretary of Defense.

Membership vacancies for the Board and any subcommittees will be filled in the same manner as described in the previous five paragraphs.

6. Subcommittee Balance: The DoD, when necessary and consistent with the Board's mission and DoD policies and procedures, may establish subcommittees, task forces, or working groups to support the Board.

Individuals considered for appointment to any subcommittee of the Board may come from the board itself or from new nominees, as recommended by the Secretary of the Army and based upon the subject matters under consideration. Pursuant to Secretary of Defense policy, the Secretary of the Army is authorized to administratively certify the appointment of subcommittee members if the Secretary of Defense or the Deputy Secretary of Defense has previously authorized the individual's appointment to the Board or another DoD advisory committee. If the Secretary of Defense or the Deputy Secretary of Defense has not previously authorized the appointment of the individual to the Board or another DoD advisory committee, then the individual's subcommittee appointment must first be authorized by the Secretary of Defense or the Deputy Secretary of Defense and subsequently administratively certified by the Secretary of the Army.

Subcommittee members, with the authorization of the Secretary of Defense, will be appointed for a term of service of one-to-four years, subject to annual renewals; however, no member shall serve more than two consecutive terms of service on the subcommittee. Subcommittee members, if not full-time or

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permanent part-time Federal officers or employees, will be appointed as experts or consultants pursuant to 5 U.S.C. § 3109 to serve as SGE members. Subcommittee members who are full-time or permanent part-time Federal officers or employees will be appointed pursuant to 41 C.F.R. § 102-3.130(a) to serve as RGE members.

Currently, the Secretary of the Army has approved four permanent subcommittees to the Board. The requisite qualifications and points of views for subcommittee members are similar to those required at the parent-level Board members.

- a) Army Science Board Basic Science and Disruptive Technologies Subcommittee shall be composed of not more than 15 members and shall address issues and provide advice and recommendations on matters relating to the Army's basic research and disruptive technologies, including Soldier performance enhancement, cognition improvement, and training; autonomous systems and human-machine teaming; Chemical, Biological, Radiological, Nuclear and high-yield Explosives; and counter Weapons of Mass Destruction.
  - b) Army Science Board Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Subcommittee shall be composed of not more than 15 members and shall address issues and provide advice and recommendations on matters relating to the Army's C4ISR core competency, including the tactical edge C3, situational awareness overmatch, and electronic warfare (EW).
  - c) Army Science Board Systems Engineering, Integration, and Sustainment Subcommittee shall be composed of not more than 15 members and shall address issues and provide advice and recommendations on matters relating to the Army's core competency in: Systems engineering and integration; advanced prototyping and experimentation in operational environments; and sustainment, including engineered resilient systems, agile logistics and health management. These competencies are essential to the performance of the entire acquisition community.
  - d) Army Science Board Weapon Systems Subcommittee shall be composed of not more than 15 members and shall address issues and provide advice and recommendations on matters relating to the Army's weapon systems core competency in: 1) Rotorcraft Design Synthesis & Performance Assessment (DS&PA) and airworthiness/safety; 2) ground combat vehicle DS&PA, soldier interaction, and system integration; 3) lethality, including impact physics, energetics, warhead DS&PA, effects modeling and simulation; 4) survivability and protection, including armor and balanced approach for detection/hit/kill avoidance; 5) air and missile defense DS&PA, precision fires, seekers, and precision guidance.
7. Other: As nominees are considered for appointment to the Board, the DoD adheres to the Office of Management and Budget's Revised Guidance on Appointment of Lobbyists to Federal Advisory Committee, Boards, and Commissions (79 FR 47482; August 13, 2014); the Director of the Office of Science and Technology Policy memorandum of December 17, 2010, concerning scientific integrity; and the rules and regulations issued by the Office of Government Ethics.
8. Date Prepared: May 21, 2016